

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended). A barrier rib material containing a glass powder and a filler powder for use in a plasma display panel, wherein the glass powder comprises:

35 55% to 75% by mass of PbO,

0% to 50% by mass of B₂O₃,

8% to 30% by mass of SiO₂,

0% to 10% by mass of Al₂O₃,

0% to 10% by mass of ZnO,

0% to 10% by mass of at least one selected from the group consisting of CaO, MgO, SrO and BaO, and

0% to 6% by mass of at least one selected from the group consisting of SnO₂, TiO₂, and ZrO₂, and

the filler powder comprises:

10% to 90% by mass of a silica powder,

10% to 90% by mass of an alumina powder, and

0% to 40% by mass of a titanium oxide powder, and the silica powder comprising

25% to 75% by mas of an α -quartz powder and/or a cristobalite powder, and

25% to 75% by mass of a quartz glass powder.

2 (original). A barrier rib material as claimed in claim 1, wherein:

the silica powder comprises from 25% to 75% by mass of an α -quartz powder, from 0% to 50% by mass of a cristobalite powder, and from 25% to 75% by mass of a quartz glass powder.

3 (original). A barrier rib material as claimed in claim 1, wherein:

C1 the silica powder comprises from 25% to 75% by mass of an α -quartz powder and from 25% to 75% by mass of a quartz glass powder.

4 (previously amended). A barrier rib material as claimed in claim 1, wherein:

the mass ratio of the glass powder to the filler powder is from 65:35 to 85:15.

5 (previously added). A barrier rib material containing a glass powder and a filler powder for use in a plasma display panel, wherein the glass powder comprises:

20% to 50% by mass of BaO,

25% to 50% by mass of ZnO,

10% to 35% by mass of B₂O₃,

0% to 10% by mass of SiO₂, and

the filler powder comprises:

10% to 90% by mass of a silica powder,

10% to 90% by mass of an alumina powder, and
0% to 40% by mass of a titanium oxide powder, and
the silica powder comprising
25% to 75% by mass of an α -quartz powder and/or a
cristobalite powder, and
25% to 75% by mass of a quartz glass powder.

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6 (previously added). A barrier rib material as claimed
in claim 5, wherein:

the silica powder comprises from 25% to 75% by mass of an
 α -quartz powder, from 0% to 50% by mass of a cristobalite
powder, and from 25% to 75% by mass of a quartz glass powder.

7 (previously added). A barrier rib material as claimed
in claim 5, wherein:

the silica powder comprises from 25% to 75% by mass of an
 α -quartz powder and from 25% to 75% by mass of a quartz glass
powder.

8 (previously added). A barrier rib material as claimed
in claim 5, wherein:
the mass ratio of the glass powder to the filler powder is from
65:35 to 85:15.

9 (currently amended). A barrier rib material containing
a glass powder and a filler powder for use in a plasma display

panel, wherein the glass powder comprises:

25% to 45% by mass of ZnO,

15% to 40% by mass of Bi₂O₃,

10% to 30% by mass of B₂O₃,

0.5% to 10% by mass of SiO₂,

0% to 24% by mass of at least one selected from the group consisting of CaO within a range of 8% to 15% by mass, MgO, SrO and BaO, and

the filler powder comprises:

10% to 90% by mass of a silica powder,

10% to 90% by mass of an alumina powder, and

0% to 40% by mass of a titanium oxide powder, and

the silica powder comprising

25% to 75% by mass of an α -quartz powder and/or a cristobalite powder, and

25% to 75% by mass of a quartz glass powder.

10 (previously added). A barrier rib material as claimed in claim 9, wherein:

the silica powder comprises from 25% to 75% by mass of an α -quartz powder, from 0% to 50% by mass of a cristobalite powder, and from 25% to 75% by mass of a quartz glass powder.

11 (previously added). A barrier rib material as claimed in claim 9, wherein:

the silica powder comprises from 25% to 75% by mass of an α -

quartz powder and from 25% to 75% by mass of a quartz glass powder.

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12 (previously added). A barrier rib material as claimed in claim 9, wherein:
the mass ratio of the glass powder to the filler powder is from 65:35 to 85:15.
